

INTERNATIONAL SEARCH REPORT

International application No.
PCT/NZ2004/000173

A. CLASSIFICATION OF SUBJECT MATTER																						
Int. Cl. ⁷ : H05K 7/20																						
According to International Patent Classification (IPC) or to both national classification and IPC																						
B. FIELDS SEARCHED																						
Minimum documentation searched (classification system followed by classification symbols)																						
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched																						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI - IPC H05K-007/IC H05K-005/IC and keywords (cabinet, case, housing, ventilat, circulat, processor, electr, temperature, cool, control, sensor, vent, outlet, and like terms)																						
C. DOCUMENTS CONSIDERED TO BE RELEVANT																						
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.																				
X	US 4495545 A (DUFRESNE et al) 22 January 1985 Columns 1-3 and figures	1-5, 7-10																				
Y	Columns 1-3 and figures	6																				
X	WO 2001015507 A1 (NOKIA NETWORKS OY) 1 March 2001 Pages 4-8 and figures	1-10																				
X	WO 2000056134 A2 (WRIGHT) 21 September 2000 Pages 6-9	1-10																				
X	GB 2300910 A (RAINFORD GROUP LTD) 20 November 1996 Abstract and pages 5-9	1-5, 7-10																				
Y		6																				
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C		<input checked="" type="checkbox"/> See patent family annex																				
<p>* Special categories of cited documents:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; padding: 2px;">"A"</td> <td style="width: 15%; padding: 2px;">document defining the general state of the art which is not considered to be of particular relevance</td> <td style="width: 15%; padding: 2px;">"T"</td> <td style="width: 55%; padding: 2px;">later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td style="padding: 2px;">"E"</td> <td style="padding: 2px;">earlier application or patent but published on or after the international filing date</td> <td style="padding: 2px;">"X"</td> <td style="padding: 2px;">document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td style="padding: 2px;">"L"</td> <td style="padding: 2px;">document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td style="padding: 2px;">"Y"</td> <td style="padding: 2px;">document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td style="padding: 2px;">"O"</td> <td style="padding: 2px;">document referring to an oral disclosure, use, exhibition or other means</td> <td style="padding: 2px;">"&"</td> <td style="padding: 2px;">document member of the same patent family</td> </tr> <tr> <td style="padding: 2px;">"P"</td> <td style="padding: 2px;">document published prior to the international filing date but later than the priority date claimed</td> <td colspan="2"></td> </tr> </table>			"A"	document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"E"	earlier application or patent but published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family	"P"	document published prior to the international filing date but later than the priority date claimed		
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"P"	document published prior to the international filing date but later than the priority date claimed																					
Date of the actual completion of the international search 1 October 2004		Date of mailing of the international search report 7 OCT 2004																				
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6283 3929		Authorized officer Sue Thomas Telephone No : (02) 6283 2454																				

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International application No. PCT/NZ2004/000173

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 2000021372 A1 (ERICSSON INC) 20 April 2000 Pages 10, 16	6
A	EP 860923 A1 (SUMITOMO WIRING SYSTEMS LTD) 26 August 1998 Whole document	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/NZ2004/000173

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member				
US	4495545	NIL					
WO	0115507	AU	64462/00	EP	1123645	FI	991765
		US	2001052412				
WO	0056134	AU	37052/00	EP	1169897	US	6142866
GB	3200910	NIL					
WO	0021372	AU	65120/99	CA	2347715	GB	2359933
		GB	2387275	GB	2387276	US	6104003
		US	6127663				
EP	860923	CN	1196594	JP	10242677	US	6008454

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX